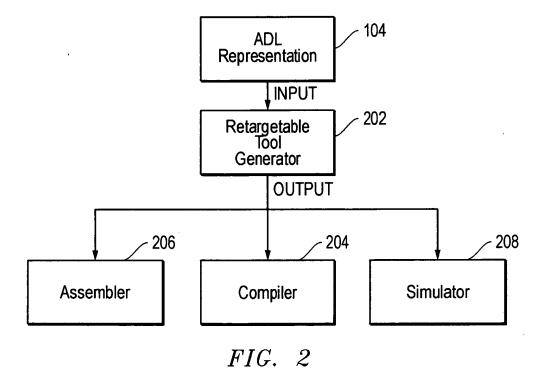


FIG. 1





| Arm Instruction Bet 706 Opnd Order Description 702 Data pino imm cond. C 710 cp_num CRd -712 opcode 1 CDP opcode_1 714 CRn CRm opcode_2 An 12 bit offset 8-bit offset 8 bit immediate rotete_mmed 716 RdH -704 Data proc inti Data Processing MOVS MVNS ADDS Rm shit shift_Immed register list register list 15 24 bit immedi: Rd shift mmed shift mod shift mmed shift high mass shift mmed shift high mass shift mmed shift high mass shift mmed shift mass shift CORC ាននេ Rm oond Hm. Am TEOS Data proc red Data proc register_shift cond CORE Am Am MVNP וחסם Rm cond Hm Rm Hm ADOR cond SURF cond SBCP COL Am Am RSBI RSCF con ANDA EORA ORRA Rm Am 030 Rm Rm Rm BICA CMPA CMNR cond cond Rm Hm TSTR CORE conc **Juliply** Multiply
Multiply Accumulate
Multiply Long
Signed Multiply Accumulate Long
Signed Multiply Long
Unsigned Multiply Accumulate Lo
Unsigned Multiply Long
Move from Status regider
Move Immediate to Status regider
Move register to Status regider cond CORC cond Multiply Long соло SMULL cond UMLAL cond cond cond cond Move register to Status regidier Brach instructio Rd MSR cond 設 Brach and exchi Am Load/Store imm As COIM Load/Store imi cond Ηn DARI COND LDABTI LDATI cond cond STRI cond STHE!



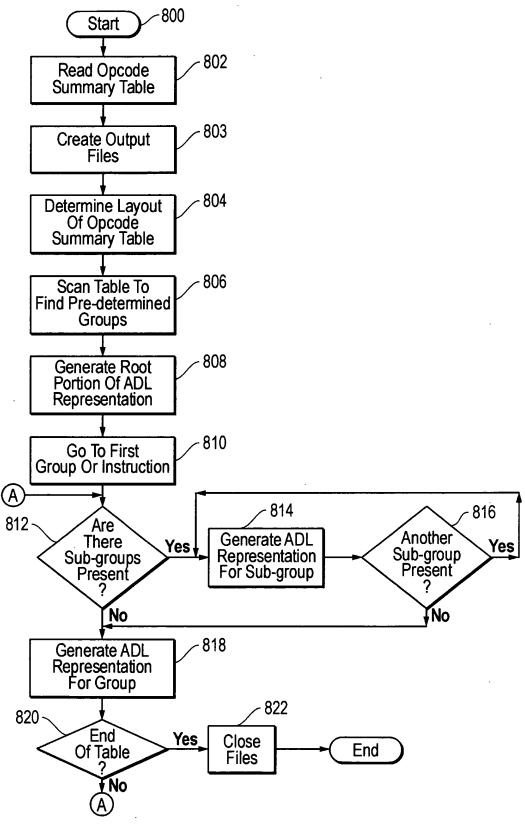


FIG. 8